

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Douglas R. Sanquetti	Art Unit :	3664
Serial No. :	10/726,278	Examiner :	Jonathan A. Goldfarb
Filed :	December 2, 2003	Conf. No. :	3378
Title :	A BOUNDARY DETECTION ALGORITHM FOR EMBEDDED DEVICES		

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Responsive to the action mailed January 10, 2008, Applicant elects the invention of Group I, Claims 1-27 and 36-40, drawn to methods for detecting a boundary crossing. This election is made without traverse. Applicant elects Embodiment 4 of Genus III in response to the requirement to elect a species. This election is made with traverse. In particular, the restriction requirement asserts that the species are mutually exclusive in nature. Applicant respectfully disagrees. Applicant notes, for example, that embodiment I of Genus III (determining a distance covered within a jurisdiction defined by the boundary), embodiment 2 of Genus III (determining an amount of fuel used within a jurisdiction defined by a boundary), embodiment 3 of Genus III (determining statistics related to a jurisdiction defined by the boundary), and embodiment 4 of Genus III (retrieving adjacent jurisdiction boundary data when a boundary crossing is indicated, with the adjacent jurisdiction boundary data defining rectangles associated with a boundary of an adjacent jurisdiction that is occupied after a boundary crossing) are not mutually exclusive. In fact, it is possible to implement a single embodiment that performs the operations of all four of the identified embodiments. Thus, the identified species are not mutually exclusive and Applicant respectfully requests that the species election be withdrawn.

**CERTIFICATE OF MAILING BY EFS-WEB FILING**

I hereby certify that this paper was filed with the Patent and Trademark Office using the EFS-WEB system on this date: February 11, 2008